KT Series

Sealed* Miniature Key Switches

*Process sealed–withstands soldering and cleaning processe

KT11P2CM

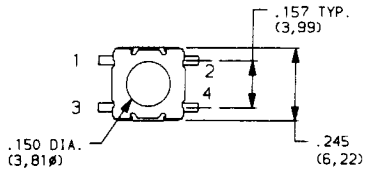
KT11B0CM

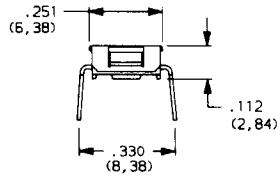
KT11B2CM

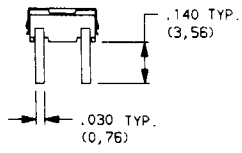
- **Sealed construction—internal silicone rubber actuator seal and insert molded terminals standard**
- **Process compatible—withstands soldering and cleaning processes—high temperature materials (UL 94V-0)**
- **Ultra-miniature low profile design—approximately .250 In. (6 mm) sq.**
- **Tin-lead alloy coats all sides of terminals for joint integrity**

With C Terminals

With B0 Silicone Rubber Actuator



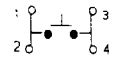




Part No. Shown: KT11B0CM

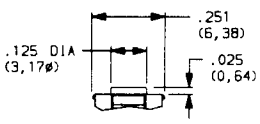
PART NO.	ACTUATOR HEIGHT	SWITCH FUNCTION POS. 1	SWITCH FUNCTION POS. 2
KT11B0CM	FLUSH	OFF	MOM.
KT11B1CM	.025 (0.64)	OFF	MOM.
KT11B2CM	.088 (2.24)	OFF	MOM.
KT11P2CM	.093 (2.36)	OFF	MOM.
KT11P3CM	.044 (1.12)	OFF	MOM.
KT11P4CM	.156 (3.96)	OFF	MOM.
Conn. Terms		OPEN	1,2 - 3,4

Schematic

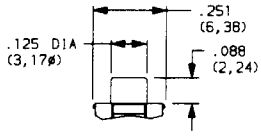


SPST

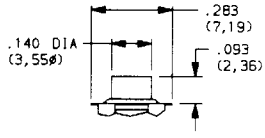
MOM. = Momentary



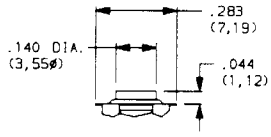
With B1 Silicone Rubber Actuator



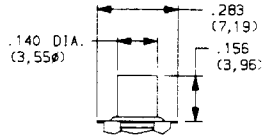
With B2 Silicone Rubber Actuator



With P2 Hard Plastic Actuator

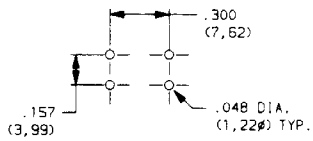


With P3 Hard Plastic Actuator



With P4 Hard Plastic Actuator

PC MOUNTING



SPECIFICATIONS

CONTACT RATING: 1.0 VA max. @ 50 V AC or DC max.

MECHANICAL & ELECTRICAL LIFE: 100,000 make-and-break cycles at full load.

CONTACT RESISTANCE: Below 50 milliohms typ. initial @ 2-4 V DC, 100 mA.

INSULATION RESISTANCE: 10^9 ohms min.

DIELECTRIC STRENGTH: 250 V RMS min. @ sea level.

OPERATING TEMPERATURE: -40°C to 90°C.

SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

PACKAGING: Switches supplied in rigid dispensing tubes.

MATERIALS

BASE: LCP or equivalent (UL 94V-0).

ACTUATOR: B0, B1, B2 actuators: Silicone rubber. P2, P3, P4 actuators: Nylon.

SEAL: Silicone rubber.

HOUSING: Stainless steel.

MOVABLE CONTACT: Stainless steel, silver plated.

STATIONARY CONTACTS: Copper alloy, silver plated.

TERMINALS: Copper alloy, with tin-lead alloy over nickel plate. All terminals insert molded.

NOTE: Specifications and materials listed above are general specifications for switches with standard options. For information on specific and custom switches, consult factory.